

# CERTIFICATE OF ANALYSIS

Product Description	6-( $\gamma,\gamma$ -DIMETHYLALLYLAMINO)PURINE SOLUTION (1 mg/mL) 2iP; N6-[ISOPENTYL]ADENINE
Product Number	D217
Lot Number	10H0217015
Storage Temperature	-20-0 °C
Molecular Weight	203.3
Formula	C <sub>10</sub> H <sub>13</sub> N <sub>5</sub>
CAS Number	2365-40-4

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Miscible with Water	Passes
pH (Neat)	Check and Record	2.8
Physical Appearance		
Color	Colorless	Colorless
Texture	Clear Liquid	Clear Liquid
Insolubles	None	Passes
Sterility by USP <71>	Sterile	Passes
Purity of Raw Material	Minimum 96.0%	101.1 %

## Biological Testing:

Test Concentration: 10.0 mL (10.0 mg)/L

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
Supports and/or facilitates plant growth and/or shoot proliferation in two or more plant tissue cultured lines with no morphological aberrations to plants	Syngonium	Passes
	Kalanchoe	Passes

The material described in this certificate was manufactured in the United States of America and is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

**PhytoTechnology Laboratories® provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTechnology Laboratories® shall not be held liable for any damage resulting from handling or from contact with the above product. This product is intended for LABORATORY USE ONLY. Our products may NOT BE USED as drugs, cosmetics, agricultural or pesticidal products, food additives or as household chemicals.**

Recommended Shelf Life Date: October 2015



Gary Seckinger, Ph.D.



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### **PhytoTechnology Laboratories®**

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